

F1  
an intentional radiator including an antenna and a ground plane directly connected to the antenna, the ground plane to be electrically connected to shielding by a direct solder connection between a portion of a surface of the ground plane and the shielding, the shielding including an opening for the antenna, the intentional radiator to be positioned such that the antenna radiates through the opening and the ground plane at least partially physically blocks emissions through the opening.

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F2  
4. (Three Times Amended) An apparatus comprising:  
an intentional radiator including an antenna and a ground plane directly connected to the antenna; and  
shielding including an opening, the antenna to radiate through the opening, the shielding being coupled to the ground plane by a direct solder connection between a portion of a surface of the ground plane and the shielding, the ground plane being oriented to at least partially physically block emissions through the opening.

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F3  
9. (Three Times Amended) A system comprising:  
a device to be shielded;  
an intentional radiator including an antenna and a ground plane directly connected to the antenna;  
shielding enclosing the device to be shielded except for an opening proximate to the antenna, the shielding being electrically coupled to the ground

F3

plane by a direct solder connection between a portion of a surface of the ground plane and the shielding, the ground plane being oriented to at least partially physically block emissions through the opening from the device to be shielded.

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14. (Three Times Amended) A method for integrating an intentional radiator in a system, the method comprising:

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electrically coupling a ground plane of an intentional radiator to system shielding that includes an opening for an antenna coupled to the intentional radiator by directly soldering of a portion of a surface of the ground plane onto the shielding;

directly connecting the ground plane to the antenna; and

orienting the ground plane such that the ground plane at least partially physically blocks emissions through the opening.

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18. (Three Times Amended) An apparatus comprising:

a means for shielding including an opening for an antenna; and

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a direct solder connection between a portion of a surface of a ground plane of an intentional radiator including the antenna and the shielding, the ground plane being oriented to at least partially physically block emissions through the opening, the ground plane being directly connected to the antenna.

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